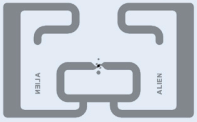


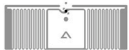




Inlays: Specialized Retail

	Higgs-3	Higgs-4	Antenna Size ¹	Application	Features	Benefits
Spider-360 (SP) 	N/A	ALN-9726	1.97" x 1.18" 50mm x 30mm aka "30 x 50"	Retail, apparel, hang-tags, joker tags, airline baggage, labels and document tracking.	An orientation agnostic 30x50mm form-factor tag. Useful when end-on reads are required.	For use in applications (especially but not limited to retail and airline baggage) where orientation of the tag is of greatest concern. This tag can be read 360 degrees around the plane of the tag.
Garment Tag (GT) 	N/A	ALN-9728		Retail, apparel, hang-tags, joker tags, labels and document tracking	30x50mm form-factor and tuned for use in retail with packed shelves or hanging garments.	Extremely high read performance (distance/rates) in real-life, every day retail environments. Specifically designed and tested with stacked and hanging goods.
HiScan™ (HS) 	N/A	ALN-9720	1.57" x 0.61" 40mm x 15.5mm		Tuned for high-performance reading in lower-power reading environments.	Extremely high read-rates in real-life, every day retail environments (e.g. rapid handheld movement, many tags close to each other etc). Especially effective with handheld RFID readers that have low transmit power.
Glint™ (GL) 	N/A	ALN-9715	1.06" x 0.38" 27mm x 9.7mm	Jewelry, Cosmetics and other smaller metal or metalized objects	Very small non-near-field tag designed for close placement to metals or metallic surfaces.	Very small tag. Does not require a long "tail" like some other jewelry tags. Uses the close proximity to metalized objects to increase the range of the tag.

¹ Sizes are approximate. **These are inlay antenna sizes.** Tags and labels will be larger. Please refer to specific product details available on Alien's website for exact measurements - www.alientechnology.com

² All Alien tags are world-tags and work well in all regions. However, tags denoted "E" are specially tuned for optimal performance in Europe.



Alien Family of EPC Gen 2 RFID Inlays

Inlay Application Guide:

This table is a guide to assist narrowing the inlay types that may be relevant in your application. Tags should always be tested in their application but this table should help narrow that initial selection.

	Squiggle Family				Specialized Retail				High-Dielectric / Automotive			Form-factor			
	Squiggle® (SQ)	Short (SH)	Squiglette (ST)	Squig (SG)	Glint (GL)	HiScan (HS)	GT-Tag (GT)	Spider-360 (SP)	BAT-Tag (BAT)	Wonder-Dog (WD)	G-Tag (G)	SlimLine (SL)	2x2	Square (1x1)	SIT (SIT)
Higgs™4 Model #	ALN-9740	ALN-9762	ALN-9730 ALN-9730-E	ALN-9710	ALN-9715	ALN-9720	ALN-9728	ALN-9726	ALN-9770	ALN-9768	N/A	ALN-9745	N/A	N/A	ALN-9713
Higgs™3 Model #	ALN-9640	ALN-9662	ALN-9630	ALN-9610	N/A	N/A	N/A	N/A	N/A	N/A	ALN-9654	N/A	ALN-9634	ALN-9629	ALN-9613
Retail															
Mobile Asset Tracking*															
Automotive															
Pharma															
Ultra compact															
Wood/ Plastic/ Glass															
General Purpose															
Ref Design Available?	Yes	Yes	Yes	Yes	No	No	No	No	No	No	Yes	Yes	Yes	Yes	Yes

	Best
	Better
	Good
	N/A

* Includes Consumer Electronic Devices (TV's, STB's etc)

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HANDLING PRECAUTIONS Observe standard handling practices to minimize ESD.

DISCLAIMER Application recommendations are guidelines only - actual results may vary and should be confirmed. This is a general purpose product not designed or intended for any specific application.

This product is covered by one or more of the following U.S. patents: 7967204, 7931063, 7868766, 7737825, 7716208, 7716160, 7688206, 7659822, 7619531, 7615479, 7598867, 7580378, 7576656, 7562083, 7561221, 7559486, 7559131, 7554451, 7551141, 7542301, 7542008, 7531218, 7522055, 7500610, 7489248, 7453705, 7425467, 7417306, 7382824, 7377445, 7364084, 7353598, 7342490, 7324061, 7321159, 7301438, 7295114, 7288432, 7265675, 7262686, 7260882, 7253735, 7244326, 7218527, 7214569, 7199527, 7193504, 7173526, 7172910, 7172789, 7141176, 7112250, 7101502, 7080444, 7070651, 7068224, 7046538, 6998644, 6988667, 6983361, 6980184, 6970219, 6952157, 6942155, 6933848, 6927085, 6916380, 6780896, 6731353, 6693384, 6683663, 6665044, 6657289, 6623579, 6606079, 6590346, 6586338, 6566744, 6555408, 6527964, 6479395, 6468638, 6420266, 6316278, 6291896, 6281038. Other patents pending.

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For more information on the tags above:

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